

## Selection Guide

### RAM Mounting Hardware

RAM stands for Round-A-Mount. RAM is the revolutionary universal ball and socket mounting SYSTEM that allows you to mount practically anything anywhere. RAM's family consist of more than 900 interchangeable accessories, which provides solutions to your most challenging mounting problems. Its unique design provides easy installation, mobility, strength, versatility, vibration protection and durability, all at a low cost.

RAM is backed by NPIs renowned Lifetime Warranty, making it the mounting SYSTEM of choice. To provide light weight strength and corrosion resistance, RAM is made of marine grade aluminium with a powder coated finish, stainless steel hardware and rubber balls.

Recognized and accepted by the U.S. Patent Office, RAM is the only universal ball-and-socket SYSTEM that holds tremendous amounts of weight in high vibration applications for military, commercial and private use.

RAM mounts come in 5 ball sizes



- RAM A Series – 9/16 size ball diameter
- RAM B Series – 25.4mm (1") size ball diameter
- RAM C Series – 38.1mm (1.5") size ball diameter
- RAM D Series – 57.15mm (2.25") size ball diameter
- RAM E Series – 85.6mm (3.37") size ball diameter

A Size Ball	0.56" Diameter Ball
B Size Ball	1" Diameter ball
C Size Ball	1.5" Diameter Ball
D Size Ball	2.25" Diameter Ball
E Size Ball	3.37" Diameter Ball



UMD Part No.	Image	Description
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## RAM B Series - BASES

RAM-B-202		<p><b>RAM 25mm (1") Ball and Base</b></p> <p>The RAM-B-202 consists of a 1" diameter ball, connected at right angles to a flat 63.5mm (2.5") diameter base.</p> <p>The base has seven holes including the universal AMPS hole pattern.</p>
RAM-B-238		<p><b>RAM 25mm (1") Ball with Diamond Plate</b></p> <p>The RAM universal plate has a 25mm (1") diameter rubber ball connected at right angles to a 1 1/4" x 2 1/2" Diamond Plate.</p> <p>The plate has two holes 48.6mm (1.912") from center to center, positioned at either tip of the diamond plate.</p> <p>This base plate will attach to any of the RAM composite HOL holders and the industry standard AMPS hole pattern</p>
RAM-B-224-1U		<p><b>RAM Locking B Suction Metal Plate</b></p> <p>Designed to have an extra strong hold on any smooth surface. Supplied with diamond plate with 1 inch ball (RAM-B-238) and locking suction cup with 1 inch ball metal plate.</p>


UMD Part No.	Image	Description
RAM-B-236U		<p><b>RAM 1" Ball with 0.38" Male Thread</b></p> <p>An aluminium 0.38" male thread with a 25mm (1") ball.</p>
RAM-B-231U		<p><b>RAM 25mm (1") Ball with Steel U-bolt</b></p> <p>1" Rubber Ball with stainless steel U-bolt for 3/4" to 1" diameters.</p>
RAM-B-259U		<p><b>RAM 25mm (1") Ball mounted on a U-Channel with Dual Screw Clamp</b></p> <p>1" Rubber Ball with U-Channel clamp base, designed to fit to the edge of a surface upto 1 inch thick. Eg, car side window, edge of table surface, etc.</p>



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## RAM B Series - MOUNTS

RAM-B-202U-24		<p><b>RAM 25mm (1") Ball Rectangular Plate Corner Holes</b></p> <p>25mm ball mounted on rectangular plate 50 x 100mm (2" X 4" W) with corner holes, suits all Ram Mounting systems.</p>
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RAM-B-107BU		<p><b>RAM Clover Shaped Base</b></p>
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RAM-B-125BU		<p><b>RAM Extension Cradle Plate B Ball</b></p> <p>Allows a connected device to manoeuvre into more positions than a standard mount. One common use is to aid positioning of your GPS device when in front of the yoke mount.</p> <p>The connection section extends about 5.7cm forward at a 45 degree angle to the ball, which sits about 3.8cm above the plate.</p>
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UMD Part No.	Image	Description
RAM-B-346U		<p><b>RAM Extension Cradle Plate B Ball</b></p> <p>Offset ball. Uses brake or clutch fluid reservoir housing plate, to mount other RAM components on a motorcycles, etc.</p> <p>Multiple hole mounting with offset ball.</p>
RAM-B-202A		<p><b>RAM Round 63.5mm (2.5") Plate with Camera Thread</b></p> <p>Universal camera plate with one inch ball, and a 1/4"-20 thread stud.</p>

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## RAM B Series - ARMS

RAM-B-201		<p><b>RAM Standard Double Clamp B Size</b></p> <p>RAM dual clamp, to replace a lost item, or to use as an additional system.</p> <p>75mm centre to centre (90mm overall length)</p>
RAM-B-201-A		<p><b>RAM Short Double Clamp B Size</b></p> <p>Smaller double socket clamp arm for 25mm (1") ball size.</p> <p>45mm centre to centre arm (60mm overall length).</p>
RAM-B-201-C		<p><b>RAM Long Double Clamp for B Size</b></p> <p>Longer 135mm (centre to centre) and 150mm long overall, clamp to suit Ram Mounting systems.</p>

UMD Part No.	Image	Description
<p>RAP-BB-230-14-201U</p>		<p><b>RAM 355.6mm (14") Pole Double Arm Socket</b></p> <p>The RAP-BB-230-14-201 is a High Strength Composite Plastic component with a dual 25.4mm (1") ball and a 25.4mm (1") open socket, designed to be used with other RAM 25.4mm (1") B-Ball parts. The extension pole measures 355.6mm (14") from end to end.</p>

UMD Part No.	Image	Description
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## RAM C Series - BASES

RAM-202		<p><b>RAM 38mm (1.5") Ball and Base</b></p> <p>The RAM-202 consists of a 38mm (1.5" diameter ball, connected at right angles to a flat 63.5mm (2.5") diameter base.</p> <p>The base has seven holes including the universal AMPS hole pattern.</p>
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## RAM C Series - MOUNTS

RAM-246U		<p><b>RAM VESA Mount Aluminum Plate with 38mm (1.5") Ball</b></p> <p>38mm (1.5") ball connected to a 121 mm (4.75") square plate with 4 x 100mm holes and 4 x 75mm holes at each corner (VESA).</p>
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RAM-2461U		<p><b>RAM VESA Mount 90mm with 38mm (1.5") Ball</b></p> <p>1.5" (38mm) ball connected to a 92mm (3.63") square base with 4 x 25mm holes at each corner.</p> <p>The ball is positioned 22.4mm (0.88") from the center of each edge.</p>
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UMD Part No.	Image	Description
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## RAM C Series - ARMS



RAM-201		<p><b>RAM Standard Double Clamp C Size</b></p> <p>Double socket arm, has a socket at either end to allow a 38mm (1.5") diameter ball accessories to be connected.</p> <p>Overall Length: 142.9mm (5.625")  Socket-To-Socket Length: 114.3mm (4.5")</p>
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RAM-201U-D		<p><b>RAM Long Arm Double Clamp C Size</b></p> <p>Long double socket arm (distance between centers 210mm) has a socket at either end to allow a 38mm (1.5") diameter ball accessories to be connected.</p>
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## VEHICLE MOUNTING HARDWARE

RAM-VBD-122		<p><b>RAM Vehicle Mount Welded Support</b></p> <p>A universal mount for vehicles with a flat floor.</p> <p>Drilling is required during installation of this mount, and forms a foundation to connect other RAM swing arms</p> <p>Use with AM-VP-xxxx Vehicle Pole</p>
RAM-VP-TTM12U		<p><b>RAM Vehicle Pole (Telescopic Insert) 3.5mm (12")</b></p> <p>The RAM upper Tele-Pole, 12 inch pole, contains a swing arm connection point that will attach directly to any double swing arm system with 38mm (1.5") Socket. The post is 305mm (12") long and has a diameter of 33.72mm (1.328")</p> <p>Use with AM-VB-xxxx</p>

UMD Part No.	Image	Description
RAM-VB-109-2U		<p><b>RAM Long Single Socket Swing Arm for Vehicle Pole</b></p> <p>The double swing arm for the RAM Vehicle Mounts includes 152.4mm (6") long arms with a tele-pole connection hole at one end and a 38mm (1.5") diameter socket at the other.</p> <p>Use with AM-VP-xxx</p>
RAM-B-141B-1290		<p><b>RAM 305mm (12") Flexible Arm with 25.4mm (1") Ball</b></p> <p>305mm flexible arm with rubber ball (<a href="#">RAM-B-218-1U</a>) and 63.5mm diameter base with 12.7mm (1/2") hole.</p>